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| Form PTO-1449<br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><i>(Use several sheets if necessary)</i> |  |  | Docket Number (Optional)<br><b>3725.3US (98-0558.03/US)</b> | Application Number<br><b>Not yet assigned</b> |
|   |  |  | Applicant<br><b>Moden et al.</b>                            |   |
|   |  |  | Filing Date November 12, 2003                               | Group Art Unit <b>Unknown</b>                 |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE    | NAME               | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|---------|--------------------|-------|----------|----------------------------|
| TH               | 4,143,456       | 03/1979 | Inoue              |       |          |                            |
|                  | 4,264,917       | 04/1981 | Ugon               |       |          |                            |
| TH               | 4,300,153       | 11/1981 | Hayakawa et al.    |       |          |                            |
|                  | 4,323,914       | 04/1982 | Berndlmaier et al. |       |          | (derp-)                    |
| TH               | 4,323,914       | 04/1982 | Berndlmaier et al. |       |          |                            |
|                  | 4,358,552       | 11/1982 | Shinohara et al.   |       |          |                            |
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|                  | 4,801,998       | 01/1989 | Okuaki             |       |          |                            |
|                  | 4,862,245       | 08/1989 | Pashby et al.      |       |          |                            |
| TH               | 4,931,852       | 06/1990 | Brown et al.       |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

|    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | Translation |    |
|----|-----------------|---------|---------|-------|----------|-------------|----|
|    |                 |         |         |       |          | YES         | NO |
| TH | 52-77684        | 06/1977 | Japan   |       |          |             |    |
|    | 55-128835       | 10/1980 | Japan   |       |          |             |    |
|    | 56-4241         | 01/1981 | Japan   |       |          |             |    |
|    | 60-94744        | 05/1985 | Japan   |       |          |             |    |
| TH | 60-178651       | 09/1985 | Japan   |       |          |             |    |

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| EXAMINER<br><i>TH-TH-HO</i> | DATE CONSIDERED<br><i>April 2004</i> |
|-----------------------------|--------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Not considered. Include copy of this form with next communication to the applicant.

| Form PTO-1449<br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><i>(Use several sheets if necessary)</i>  |                 |         | Docket Number (Optional)<br><b>3725.3US (98-0558.03/US)</b> | Application Number<br><b>Not yet assigned</b> |          |  |    |
|--|-----------------|---------|---|---|----------|--|----|
|  |                 |         | Applicant<br><b>Mod n t al.</b>                             | <i>2818</i>                                   |          |  |    |
|  |                 |         | Filing Date November 12, 2003                               | Group Art Unit <b>Unknown</b>                 |          |  |    |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |         |   |   |          |  |    |
| EXAMINER INITIAL   | DOCUMENT NUMBER | DATE    | NAME  | CLASS   | SUBCLASS | FILING DATE IF APPROPRIATE                             |    |
| <i>TH</i>  | 4,961,107       | 10/1990 | Geist et al.  |   |          |  |    |
|  | 4,984,059       | 01/1991 | Kubota et al.   |   |          |  |    |
|  | 5,051,275       | 09/1991 | Wong  |   |          |  |    |
|  | 5,101,465       | 03/1992 | Murphy  |   |          |  |    |
|  | 5,108,955       | 04/1992 | Ishida et al.   |   |          |  |    |
|  | 5,111,278       | 05/1992 | Eichelberger  |   |          |  |    |
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|  | 5,173,764       | 12/1992 | Higgins, III  |   |          |  |    |
|  | 5,184,208       | 02/1993 | Sakuta et al.   |   |          |  |    |
|  | 5,194,930       | 03/1993 | Papathomas et al.   |   |          |  |    |
|  | 5,218,759       | 06/1993 | Juskey et al.   |   |          |  |    |
|  | 5,241,456       | 08/1993 | Marcinkiewicz et al.  |   |          |  |    |
| <i>TH</i>  | 5,252,853       | 10/1993 | Michii  |   |          |  |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                 |         |   |   |          |  |    |
|  | DOCUMENT NUMBER | DATE    | COUNTRY   | CLASS   | SUBCLASS | Translation  |    |
|  |                 |         |   |   |          | YES  | NO |
| <i>TH</i>  | 62-109326       | 05/1987 | Japan   |   |          |  |    |
| <i>{</i>   | 62-115834       | 05/1987 | Japan   |   |          |  |    |
| <i>{</i>   | 62-261133       | 11/1987 | Japan   |   |          |  |    |
| <i>TH</i>  | 2-306639        | 12/1990 | Japan   |   |          |  |    |
| <b>OTHER DOCUMENTS</b>   |                 |         |   |   |          | (Including Author, Title, Date, Pertinent Pages, Etc.) |    |
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|  |                 |         |   |   |          |  |    |
| EXAMINER<br><i>TH - TH + HO</i>  |                 |         | DATE CONSIDERED<br><i>April 2004</i>                        |   |          |  |    |
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| Form PTO-1449<br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><i>(Use several sheets if necessary)</i>  |                                      |         | Docket Number (Optional)<br><b>3725.3US (98-0558.03/US)</b> | Application Number<br><b>Not yet assigned</b> |          |                            |
|--|--------------------------------------|---------|---|---|----------|----------------------------|
|  |                                      |         | Applicant<br><b>Mod n et al.</b>                            | <i>2818</i>                                   |          |                            |
|  |                                      |         | Filing Date November 12, 2003                               | Group Art Unit <b>Unknown</b>                 |          |                            |
| <b>U.S. PATENT DOCUMENTS</b>   |                                      |         |   |   |          |                            |
| EXAMINER INITIAL   | DOCUMENT NUMBER                      | DATE    | NAME  | CLASS   | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>TH</i>  | 5,280,192                            | 01/1994 | Kryzaniwsky   |   |          |                            |
|  | 5,286,679                            | 02/1994 | Farnworth et al.  |   |          |                            |
|  | 5,304,842                            | 04/1994 | Farnworth et al.  |   |          |                            |
|  | 5,311,060                            | 05/1994 | Rostoker et al.   |   |          |                            |
|  | 5,344,795                            | 09/1994 | Hashemi et al.  |   |          |                            |
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|  | 5,394,303                            | 02/1995 | Yamaji  |   |          |                            |
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|  | 5,436,203                            | 07/1995 | Lin   |   |          |                            |
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|  | 5,441,684                            | 08/1995 | Lee   |   |          |                            |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |                                      |         |   |   |          |                            |
|  | DOCUMENT NUMBER                      | DATE    | COUNTRY   | CLASS   | SUBCLASS | Translation                |
|  |                                      |         |   |   |          | YES                        |
| <i>TH</i>  | 4-157758                             | 05/1992 | Japan   |   |          |                            |
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| <b>OTHER DOCUMENTS</b> <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>   |                                      |         |   |   |          |                            |
|  |                                      |         |   |   |          |                            |
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| EXAMINER   | <i>Re-Re HO</i>                      |         |   |   |          |                            |
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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
3725.3US (98-0558.03/US)Application Number  
Not yet assigned

Applicant Moden et al.

2818

Filing Date November 12, 2003

Group Art Unit Unknown

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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|                  | 5,488,254       | 01/1996 | Nishimura et al. |       |          |                            |
|                  | 5,489,538       | 02/1996 | Rostoker et al.  |       |          |                            |
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|                  | 5,552,635       | 09/1996 | Kim et al.       |       |          |                            |
|                  | 5,598,034       | 01/1997 | Wakefield        |       |          |                            |
|                  | 5,604,376       | 02/1997 | Hamburgen et al. |       |          |                            |
|                  | 5,641,997       | 06/1997 | Ohta et al.      |       |          |                            |
|                  | 5,652,461       | 07/1997 | Ootssuki et al.  |       |          |                            |
|                  | 5,656,857       | 08/1997 | Kishita          |       |          |                            |
|                  | 5,659,952       | 08/1997 | Kovac et al.     |       |          |                            |
|                  | 5,701,233       | 12/1997 | Carson et al.    |       |          |                            |
|                  | 5,754,408       | 05/1998 | Derouiche        |       |          |                            |
|                  | 5,866,953       | 02/1999 | Akram et al.     |       |          |                            |
|                  | 6,013,948       | 01/2000 | Akram et al.     |       |          |                            |
|                  | 6,188,127       | 02/2001 | Senba et al.     |       |          |                            |
|                  | 6,297,548       | 10/2001 | Moden et al.     |       |          |                            |
|                  | 6,313,522       | 11/2001 | Akram et al.     |       |          |                            |
|                  | 6,501,165       | 12/2002 | Farnworth et al. |       |          |                            |
| TH               | 6,650,007       | 11/2003 | Moden et al.     |       |          |                            |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----------------|------|---------|-------|----------|-------------|----|
|                 |      |         |       |          | YES         | NO |
|                 |      |         |       |          |             |    |
|                 |      |         |       |          |             |    |
|                 |      |         |       |          |             |    |

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

|            |                 |
|------------|-----------------|
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| TH - TH CO | April 2004      |

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